

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

<b>Applicant:</b>	Siegel <i>et al.</i>	<b>Confirmation No.:</b>	1793
<b>Serial No.:</b>	10/781,460	<b>Group Art Unit:</b>	1794
<b>Filed:</b>	February 17, 2004	<b>Examiner:</b>	Hoa T. Le
<b>Title:</b>	FLASH CVD PROCESS FOR SYNTHESIS OF CARBON NANOTREES		

AFFIDAVIT UNDER 37 C.F.R. §1.132

To: Assistant Commissioner for Patents  
Washington, D.C. 20231

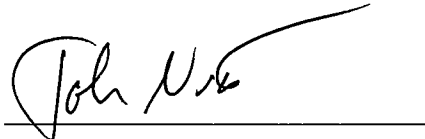
Dear Sir:

John M. Nugent, being duly sworn deposes and says:

1. I am a citizen of the United States of America and a resident of Folsom, California.
2. I am presently a senior engineer at Intel Corporation.
3. The article, Growth of Carbon Micro-trees, cited by Examiner Le describes my own work, and the work of Pulickel M. Ajayan and Richard W. Siegel, which is the subject matter of U.S. Patent Application No. 10/781,460. Pulickel M. Ajayan, Richard W. Siegel, and myself are the sole inventors. B. Wei and Ph. Kohler-Redlick of the Max-Planck-Institute for Metalforging were listed as co-authors of the article but they were merely working under our guidance. Specifically, B. Wei and Ph. Kohler-Redlick took high-resolution transmission electron microscopy images of the microtrees of the present invention at our request.

4. I have reviewed carefully the Office Action for the above-referenced non-provisional application dated March 25, 2008. I have also reviewed the application and the references cited in the rejections of the pending claims, particularly.

5. I further declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both under 18 U.S.C. § 1001 and that willful false statements may jeopardize the validity of this application and any patent issuing therefrom.

A handwritten signature in black ink, appearing to read "John Doe", is written over a horizontal line.

Affiant

Subscribed and sworn to before  
me this       day of       2008

\_\_\_\_\_  
Notary Public

# CALIFORNIA JURAT WITH AFFIANT STATEMENT

- ☒ See Attached Document (Notary to cross out lines 1-6 below)  
☐ See Statement Below (Lines 1-5 to be completed only by document signer[s], *not* Notary)

1 \_\_\_\_\_  
2 \_\_\_\_\_  
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\_\_\_\_\_  
Signature of Document Signer No. 1

\_\_\_\_\_  
Signature of Document Signer No. 2 (if any)

State of California

County of SACRAMENTO

Subscribed and sworn to (or affirmed) before me on this

27 day of JUNE, 2008, by  
Date Month Year

(1) JOHN M. NUGENT,  
Name of Signer

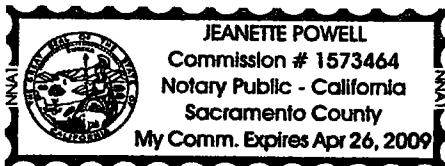
proved to me on the basis of satisfactory evidence  
to be the person who appeared before me (.) (X)

(and

(2) \_\_\_\_\_,  
Name of Signer

proved to me on the basis of satisfactory evidence  
to be the person who appeared before me.)

Signature *Jeannette Powell*  
Signature of Notary Public



Place Notary Seal Above

## OPTIONAL

*Though the information below is not required by law, it may prove  
valuable to persons relying on the document and could prevent  
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### Further Description of Any Attached Document

Title or Type of Document: AFFIDAVIT UNDER 37 C.F.R. § 1.132

Document Date: 6-27-08 Number of Pages: 1

Signer(s) Other Than Named Above: \_\_\_\_\_

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OF SIGNER #1  
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RIGHT THUMBPRINT  
OF SIGNER #2  
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